

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

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1-18. (Canceled).

19. (New) A transmission apparatus comprising:

a converting section to which a first information and a second information are input through respective routes and that generates an information sequence including the first information and the second information in which the first information is more important than the second information; and

a modulation section that modulates the first information and the second information to provide a transmission signal in such a way that one symbol is expressed using three or more bits on an orthogonal coordinate system composed of an in-phase component and a quadrature component,

wherein a bit corresponding to the first information is arranged on at least the first bit of each symbol of the information sequence.

20. (New) The transmission apparatus according to claim 19, wherein the first information is important according to the level of importance for maintaining a normal communication.

21. (New) The transmission apparatus according to claim 19,

wherein the bit corresponding to the first information is arranged on one or both of the first bit and the second bit of each symbol of the transmission symbol.

22. (New) The transmission apparatus according to claim 21, wherein information to be arranged on one or both of the first bit and the second bit of each symbol of the transmission signal can be changed at any time according to the level of importance.

23. (New) The transmission apparatus according to claim 19, wherein the first information is separated from all information to be communicated and the second information is other than the first information among all the information to be communicated.

24. (New) The transmission apparatus according to claim 19, further comprising a circuit that performs inverse Fourier transform processing on the modulated first information and second information.

25. (New) A base station apparatus comprising the transmission apparatus of any one of claims 19 to 24, wherein the base station apparatus transmits the transmission signal via an antenna.

26. (New) A communication terminal apparatus comprising the transmission apparatus of any one of claims 19-24, wherein the communication terminal apparatus transmits the transmission signal via an antenna.

27. (New) A transmission method comprising the steps of:  
inputting first information and second information through  
respective routes;

generating an information sequence including the first  
information and the second information in which the first  
information is more important than the second information; and

modulating the first information and the second information to  
provide a transmission signal in such a way that one symbol is  
expressed using three or more bits on an orthogonal coordinate  
system composed of an in-phase component and a quadrature  
component,

wherein a bit corresponding to the first information is  
arranged on at least the first bit of each symbol of the  
information sequence.

28. (New) The transmission method according to claim 27,  
wherein the first information is important according to the level  
of importance for maintaining a normal communication.

29. (New) The transmission method according to claim 27,  
wherein the bit corresponding to the first information is arranged  
on one or both of the first bit and the second bit of each symbol  
of the transmission signal.

30. (New) The transmission apparatus according to claim 29,  
wherein information to be arranged on one or both of the first bit

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and the second bit of each symbol of the transmission signal can be changed at any time according to the level of importance.

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